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STATEMENT BY APPLICANT**

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Sheet 1

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Complete if Known

Application Number	10/805,176
Filing Date	March 19, 2004
First Named Inventor	Reid H. Bowman et al
Art Unit	1724
Examiner Name	Unknown
Attorney Docket Number	27566-6

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
OK		US- 4,423,780	01/03/1984	Vigneri et al.	
		US- 4,456,069	06/26/1984	Vigneri	
		US- 5,286,141	02/15/1994	Vigneri	
		US- 5,362,400	11/08/1994	Martinell	
		US- 5,520,483	05/28/1996	Vigneri	
		US- 5,567,444	10/22/1996	Hei et al.	
		US- 5,741,427	04/21/1998	Watts et al.	
		US- 6,197,206 B1	03/06/2001	Wasinger	
		US- 6,312,605 B1	11/06/2001	Kerfoot	
		US- 6,391,184 B1	05/21/2002	Orolin et al.	
		US- 6,319,328 B1	11/20/2001	Greenberg et al.	
		US- 6,457,905 B1	10/01/2002	Nickell	
		US- 2002/0002983 A1	01/10/2002	Greenberg et al.	
		US- 2003/0029792 A1	02/13/2003	Kerfoot	
		US-			
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

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Sheet

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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
K		Niven, Robert K. et al., "In Situ Multiphase Fluidization ("upflow washing") for the remediation of hydrocarbon contaminated sands", Can. Geotech. J. 35: 938-960, 1998	

Examiner Signature		Date Considered	12/12/05
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